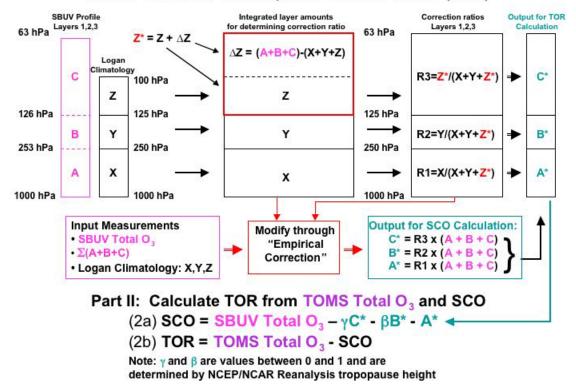
Calculation of TOMS/SBUV Tropospheric Ozone Residual

Part I: Calculate Stratospheric Column Ozone (SCO)



Define fractional coefficients (β and γ) for TOR calculation

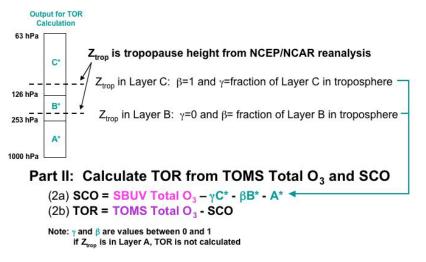


Figure 6. Top panel is a schematic diagram showing how SCO and TOR values are calculated using empirically corrected SBUV measurements. To calculate the SCO, the coefficients β and γ are defined (bottom panel) according to where the tropopause is located within the lowest three SBUV layers.